

begin 5,6,55,154,155,156,312,399,biotech,biosci

```
>>>          44 is unauthorized
>>>          76 is unauthorized
>>>2 of the specified files are not available
    12jul08 13:10:56 User208738 Session D1272.1
        $0.00    0.240 DialUnits File415
    $0.00 Estimated cost File415
    $0.08 INTERNET
    $0.08 Estimated cost this search
    $0.08 Estimated total session cost    0.240 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

```
File 5:Biosis Previews(R) 1926-2008/Jul W1
(c) 2008 The Thomson Corporation
File 6:NTIS 1964-2008/Jul W3
(c) 2008 NTIS, Intl Cpyrght All Rights Res
File 55:Biosis Previews(R) 1993-2008/Jul W1
(c) 2008 The Thomson Corporation
File 154:MEDLINE(R) 1990-2008/Jul 10
(c) format only 2008 Dialog
File 155:MEDLINE(R) 1950-2008/Jul 09
(c) format only 2008 Dialog
File 156:ToxFile 1965-2008/Jun W5
(c) format only 2008 Dialog
File 312:CA SEARCH(R) 1987-1991
(c) 1997 American Chemical Society
*File 312: Use is subject to the terms of your user/customer agreement.
File 399:CA SEARCH(R) 1967-2008/UD=14901
(c) 2008 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.
File 8:EI Compendex(R) 1884-2008/Jun W5
(c) 2008 Elsevier Eng. Info. Inc.
File 24:CSA Life Sciences Abstracts 1966-2008/Mar
(c) 2008 CSA.
File 34:SciSearch(R) Cited Ref Sci 1990-2008/Jul W1
(c) 2008 The Thomson Corp
File 45:EMCare 2008/Jun W5
(c) 2008 Elsevier B.V.
File 65:Inside Conferences 1993-2008/Jul 11
(c) 2008 BLDSC all rts. reserv.
File 71:ELSEVIER BIOBASE 1994-2008/Jun W5
(c) 2008 Elsevier B.V.
File 73:EMBASE 1974-2008/Jul 10
(c) 2008 Elsevier B.V.
File 98:General Sci Abs 1984-2008/May
(c) 2008 The HW Wilson Co.
File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Apr
(c) 2008 The HW Wilson Co.
File 135:NewsRx Weekly Reports 1995-2008/Jun W5
(c) 2008 NewsRx
File 136:BioEngineering Abstracts 1966-2007/Jan
(c) 2007 CSA.
*File 136: This file is closed.
File 143:Biol. & Agric. Index 1983-2008/Apr
(c) 2008 The HW Wilson Co
File 144:Pascal 1973-2008/Jul W1
(c) 2008 INIST/CNRS
```

File 172:EMBASE Alert 2008/Jul 11  
 (c) 2008 Elsevier B.V.

File 266:FEDRIP 2008/Apr  
 Comp & dist by NTIS, Intl Copyright All Rights Res

File 315:ChemEng & Biotec Abs 1970-2008/Jul  
 (c) 2008 DECHEMA

\*File 315: December 2007 - the reloaded database is now online. Please consult the updated Bluesheet for details on new and changed fields.

File 357:Derwent Biotech Res. \_1982-2008/Jun W2  
 (c) 2008 The Thomson Corp.

File 358:Current BioTech Abs 1983-2006/Jan  
 (c) 2006 DECHEMA

\*File 358: This file is no longer updating. Please use File 315, which includes all File 358 records and updates.

File 369:New Scientist 1994-2008/Jun W5  
 (c) 2008 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3  
 (c) 1999 AAS

\*File 370: This file is closed (no updates). Use File 47 for more current information.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp

File 28:Oceanic Abstracts 1966-2008/Sep  
 (c) 2008 CSA.

File 35:Dissertation Abs Online 1861-2008/Nov  
 (c) 2008 ProQuest Info&Learning

File 40:Enviroline(R) 1975-2008/Apr  
 (c) 2008 Congressional Information Service

File 41:Pollution Abstracts 1966-2008/Aug  
 (c) 2008 CSA.

File 50:CAB Abstracts 1972-2008/Jun W5  
 (c) 2008 CAB International

\*File 50: The file has been reloaded and accession numbers have changed. See HELP NEWS50 for information.

File 91:MANTIS(TM) 1880-2008/Aug  
 2001 (c) Action Potential

File 110:WasteInfo 1974-2002/Jul  
 (c) 2002 AEA Techn Env.

\*File 110: This file is closed (no updates)

File 164:Allied & Complementary Medicine 1984-2008/Jul  
 (c) 2008 BLHCIS

File 185:Zoological Record Online(R) 1864-2008/Jul  
 (c) 2008 The Thomson Corp.

\*File 185: The file has been reloaded to add archive records back to 1864. Accession numbers have changed.

File 391:Beilstein Database - Reactions 2007/Q4  
 (c) 2008 Beilstein GmbH

File 467:ExtraMED(tm) 2000/Dec  
 (c) 2001 Informania Ltd.

Set	Items	Description
---	-----	-----

? s rhamnose (3n) inducib? (3n) promoter?

Processing

28123 RHAMNOSE

594605 INDUCIB?  
 1483290 PROMOTER?  
 S1 103 RHAMNOSE (3N) INDUCIB? (3N) PROMOTER?

? s s1 and (isomerase or RhaA)

103 S1  
 124839 ISOMERASE  
 132 RHAA  
 S2 2 S1 AND (ISOMERASE OR RHAA)

? d s2/3/1-2

2/3/1 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

141048563 CA: 141(4)48563t PATENT

L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales

Inventor (Author): Kessler, Maria; Zelinski, Thomas; Hauer, Bernhard

Location: Germany,

Assignee: BASF Aktiengesellschaft

Patent: PCT International ; WO 200450877 A1 Date: 20040617

Application: WO 2003EP13367 (20031127) \*DE 10256381 (20021202)

Pages: 67 pp.

CODEN: PIXXD2

Language: German

Patent Classifications:

Class: C12N-015/63A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

2/3/2 (Item 1 from file: 357)

DIALOG(R)File 357: Derwent Biotech Res.

(c) 2008 The Thomson Corp. All rights reserved.

0344566 DBA Accession No.: 2004-16858 PATENT

Rhamnose-induced expression of nucleic acid in prokaryotes, useful for production of proteins and fine chemicals, uses host cells deficient in L-rhamnose isomerase recombinant enzyme protein production via plasmid expression in host cell for use in stereospecific and pharmaceutical

Author: KESSELER M; ZELINSKI T; HAUER B

Patent Assignee: BASF AG 2004

Patent Number: WO 200450877 Patent Date: 20040617 WPI Accession No.: 2004-468562 (200444)

Priority Application Number: DE 1056381 Application Date: 20021202

National Application Number: WO 2003EP13367 Application Date: 20031127

Language: German

? s rhabad

S3 153 RHABAD

? s s3 and (isomerase? or rhaA)

153 S3  
141588 ISOMERASE?  
132 RHAA  
S4 20 S3 AND (ISOMERASE? OR RHAA)

? s s3 and (isomerase? or rhaA) (5n) (delet? or inactivat? or deficien?)

Processing

153 S3  
141588 ISOMERASE?  
132 RHAA  
1376530 DELET?  
1026706 INACTIVAT?  
2811447 DEFICIEN?  
3451 (ISOMERASE? OR RHAA) (5N) ((DELET? OR INACTIVAT?) OR DEFICIEN?)  
S5 1 S3 AND (ISOMERASE? OR RHAA) (5N) (DELET? OR INACTIVAT? OR DEFICIEN?)

? d s5/3/1

5/3/1 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

141048563 CA: 141(4)48563t PATENT

L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales

Inventor (Author): Kessler, Maria; Zelinski, Thomas; Hauer, Bernhard

Location: Germany,

Assignee: BASF Aktiengesellschaft

Patent: PCT International ; WO 200450877 A1 Date: 20040617

Application: WO 2003EP13367 (20031127) \*DE 10256381 (20021202)

Pages: 67 pp.

CODEN: PIXXD2

Language: German

Patent Classifications:

Class: C12N-015/63A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

?rd s4

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S6 7 RD S4 (unique items)

?d s6/3/1-7

Dialog eLink:

**USPTO Full Text Retrieval Options**

6/3/1 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rights reserved.

15700473 Biosis No.: 200000418786

Genetic evidence that transcription activation by RhaS involves specific amino acid contacts with sigma 70

Author: Bhende Prasanna M; Egan Susan M (Reprint)

Author Address: Department of Molecular Biosciences, University of Kansas, 8031 Haworth Hall, Lawrence, KS, 66045, USA\*\*USA

Journal: Journal of Bacteriology 182 ( 17 ) : p 4959-4969 September, 2000 2000

Medium: print

ISSN: 0021-9193

Document Type: Article

Record Type: Abstract

Language: English

Dialog eLink:

**USPTO Full Text Retrieval Options**

6/3/2 (Item 2 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rights reserved.

11946853 Biosis No.: 199396111269

Sequencing and characterization of a gene cluster encoding the enzymes for L-rhamnose metabolism in *Escherichia coli*

Author: Moralejo Pilar; Egan Susan M; Hidalgo Elena; Aguilar Juan (Reprint)

Author Address: Dep. Biochem., Sch. Pharmacy, University Barcelona, Diagonal 643, 08028 Barcelona, Spain\*\*Spain

Journal: Journal of Bacteriology 175 ( 17 ); p 5585-5594 1993

ISSN: 0021-9193

Document Type: Article

Record Type: Abstract

Language: English

Dialog eLink:

**USPTO Full Text Retrieval Options**

6/3/3 (Item 1 from file: 154)

DIALOG(R)File 154: MEDLINE(R)

(c) format only 2008 Dialog. All rights reserved.

14011478 PMID: 11255157

High-cell-density fermentation for production of L-N-carbamoylase using an expression system based on the *Escherichia coli* rhaBAD promoter.

Wilms B; Hauck A; Reuss M; Syldatk C; Mattes R; Siemann M; Altenbuchner J

Institut für Industrielle Genetik Universität Stuttgart, Allmandring 31, 70569 Stuttgart, Germany.

Biotechnology and bioengineering ( United States ) Apr 20 2001 , 73 (2) p95-103 , ISSN: 0006-3592--Print Journal Code: 7502021

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

6/3/4 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

(c) 2008 American Chemical Society. All rights reserved.

146289182 CA: 146(15)289182b JOURNAL

Genome-wide detection and analysis of homologous recombination among sequenced strains of *Escherichia coli*

Author: Mau, Bob; Glasner, Jeremy D.; Darling, Aaron E.; Perna, Nicole T.

Location: Department of Mathematics, Lincoln Drive, University of Wisconsin, Madison, WI, 53706, USA

Journal: GenomeBiology

Date: 2006

Volume: 7 Number: 5 Pages: No pp. given

CODEN: GNBFW

Uniform Resource Locator (URL): <http://genomebiology.com/content/pdf/gb-2006-7-5-r44.pdf>

Media Type: online computer file  
 ISSN: 1465-6914  
 Language: English  
 Publisher: BioMed Central Ltd.

6/3/5 (Item 2 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
 (c) 2008 American Chemical Society. All rights reserved.

141048563 CA: 141(4)48563t PATENT  
 L-Rhamnose-inducible expression systems for Enterobacteriaceae and Actinomycetales  
 Inventor (Author): Kessler, Maria; Zelinski, Thomas; Hauer, Bernhard  
 Location: Germany.  
 Assignee: BASF Aktiengesellschaft  
 Patent: PCT International ; WO 200450877 A1 Date: 20040617  
 Application: WO 2003EP13367 (20031127) \*DE 10256381 (20021202)  
 Pages: 67 pp.  
 CODEN: PIXXD2  
 Language: German  
 Patent Classifications:  
 Class: C12N-015/63A  
 Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH;  
 CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;  
 IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
 MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN;  
 TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW  
 Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ;  
 BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU;  
 IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;  
 NE; SN; TD; TG

6/3/6 (Item 1 from file: 35)  
 DIALOG(R)File 35: Dissertation Abs Online  
 (c) 2008 ProQuest Info&Learning. All rights reserved.

1026501 ORDER NO: AAD88-21380  
 CHARACTERIZATION OF GENES INVOLVED IN L-RHAMNOSE METABOLISM IN  
 SALMONELLA TYPHIMURIUM LT2

Author: NISHITANI, JUNKO  
 Degree: PH.D.  
 Year: 1988  
 Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES ( 0031 )  
 Source: Volume 4908B of Dissertations Abstracts International.  
 PAGE 3009 . 168 PAGES

6/3/7 (Item 2 from file: 35)

DIALOG(R)File 35: Dissertation Abs Online  
(c) 2008 ProQuest Info&Learning. All rights reserved.

804977 ORDER NO: AAD83-06002  
THE GENETICS OF L-RHAMNOSE UTILIZATION IN SALMONELLA TYPHIMURIUM  
LT2

Author: AL-ZARBAN, SHEIKHA SALEH

Degree: PH.D.

Year: 1982

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES ( 0031 )

Source: Volume 4310B of Dissertations Abstracts International.

PAGE 3131 . 86 PAGES

? e au=kebeler, maria

Ref	Items	Index-term
E1	1	AU=KEBELAILLUNGA
E2	1	AU=KEBELER K
E3	1	*AU=KEBELER, MARIA
E4	1	AU=KEBELEU P
E5	2	AU=KEBELI H V
E6	2	AU=KEBELI H.V.
E7	2	AU=KEBELI HV
E8	1	AU=KEBELI NEVIN
E9	1	AU=KEBELI, H. V
E10	3	AU=KEBELI, H. V.

Enter P or PAGE for more

? e au=kebeler maria

Ref	Items	Index-term
E1	1	AU=KEBELAILLUNGA
E2	1	AU=KEBELER K
E3	0	*AU=KEBELER MARIA
E4	1	AU=KEBELER, MARIA
E5	1	AU=KEBELEU P
E6	2	AU=KEBELI H V
E7	2	AU=KEBELI H.V.
E8	2	AU=KEBELI HV
E9	1	AU=KEBELI NEVIN
E10	1	AU=KEBELI, H. V

Enter P or PAGE for more

? e au=zelsinski, thomas

Ref	Items	Index-term
E1	4	AU=ZELINSKI, TERESA A.
E2	2	AU=ZELINSKI, TERESA ANN
E3	73	*AU=ZELINSKI, THOMAS
E4	5	AU=ZELINSKI, V
E5	7	AU=ZELINSKI, V.



E6	1	AU=ZELINSKI, VON RAINER
E7	2	AU=ZELINSKI, W.
E8	3	AU=ZELINSKI, W. P.
E9	2	AU=ZELINSKI, W.P.
E10	1	AU=ZELINSKI, WILLIAM

Enter P or PAGE for more

? e au=zelsinki thomas

Ref	Items	Index-term
E1	7	AU=ZELINSKI TA
E2	70	AU=ZELINSKI TERESA
E3	11	*AU=ZELINSKI THOMAS
E4	21	AU=ZELINSKI V
E5	8	AU=ZELINSKI V.
E6	1	AU=ZELINSKI VA
E7	4	AU=ZELINSKI W
E8	2	AU=ZELINSKI WILLIAM JOHN JR
E9	1	AU=ZELINSKI WP
E10	2	AU=ZELINSKI Z

Enter P or PAGE for more

? e au=hauer, bernhard

Ref	Items	Index-term
E1	2	AU=HAUER, BERHARD
E2	3	AU=HAUER, BERND
E3	352	*AU=HAUER, BERNHARD
E4	15	AU=HAUER, BERNHARD H.
E5	21	AU=HAUER, BERNHARDT
E6	1	AU=HAUER, BIRGET
E7	11	AU=HAUER, BIRGIT
E8	4	AU=HAUER, C
E9	14	AU=HAUER, C.
E10	2	AU=HAUER, C. A.

Enter P or PAGE for more

? e au=hauer bernhard

Ref	Items	Index-term
E1	5	AU=HAUER BERHARD
E2	26	AU=HAUER BERND
E3	242	*AU=HAUER BERNHARD
E4	2	AU=HAUER BERNHARD F
E5	1	AU=HAUER BF
E6	1	AU=HAUER BH
E7	35	AU=HAUER BIRGIT
E8	148	AU=HAUER C
E9	19	AU=HAUER C A
E10	71	AU=HAUER C R

Enter P or PAGE for more

?